

Application No.	10/531,844
Amendment Dated	October 31, 2006
Reply to Office Action of	October 12, 2006
NEW SHEET	

- 1/2 -

Ecoli	---MADYQ3KNVVIIGLGLTGLSCVDFIARGVTPRVMMDTRMTPP---GLDKLPEAVERH
Efaecalis	MKKITTYQNKKVVLVGLAKSGVSAAKLHEL GALVTVNDAKQFDQNPDAQDLLTLGIRVV
Paeruginosa	--MSLIASDHFRIVVGLKGSGMSLVRYLARRGLPFAVVDRENPELATLRAQYPQVEVR
Saureus	MLNYTGLENKNVLVVGAKSGYEAAKLLSKLGANVTVNDGKDLSDQDAHKDLESMGISVV

Ecoli	TGSINDEWLMAA-DLIVASPGIALAHPSLSAADAGIEIVGDIELFCREAQAPIVAITGS
Efaecalis	TGGHPIELDDEEFELIVKNPGILYTNELVAEALTRKIPIFIITEVELAGQIAECPIVGITGT
Paeruginosa	CGELDAEFLCSA-RELYVSPGLSLRTPALVQAAKGVRIISGDIIDLFAREAKAPIVAITGS
Saureus	SGSHPLTLLDNN-PIIVKNPGIPYTVSIIDEAVKRLKILTEVELSYLISEAPIIAVTGT

Ecoli	NGKSTVTTUVGEMAKAACVNV--GVGGNIGLPA--LMLLDDECELYVLELSSFQLETTSS
Efaecalis	NGKTTTTT4G1LLNADRTAGEARLAGNIGFPASTVAQEATAKDDLVMELOSSFQLMGIET
Paeruginosa	NAKSTVTTUVGEMAVAADKRV--AVGGNLGTPA--LDLLADDIELYVLELSSFQLETCDR
Saureus	NGKTTVTSIGDMFKKSRLTG--RLSGNIGYVASKVAQEVKPTDYLVTELOSSFQLLGIEK

Ecoli	LQAVAATIENVTEDHMDRYPFGLQQYRAAKLRIYENAKVCVVNADDALTMPIRG-ADERC
Efaecalis	FHPQIAVITNIFEAHLDYH-GSRKEYVAAKWAIQKNMFTAEDTLILNWNQVELQTLAKTTA
Paeruginosa	LNAEVATVENVSEDHMDRY-DGMADYHLAKHRIFRGARQVVNRADALTRPLIA-DTVP
Saureus	YKPHIAITITNIYSAHLDYH-ENLENYQNAKKQIYKNQTEEDYLICNYHQRQVIE-SEELK

Ecoli	VSGVN---MGDYHLNHQQGETWLRVKGEKVLNVKEMKLSGQHNYTNALAALALADAAGL
Efaecalis	ANVLPFSTKEAVEGAYLLDG--KLYFNEEYIMPADELGIPGSHNIENALAAICVPKLKNV
Paeruginosa	WSFGLNKPQFKAFLGLIEEDGQKWLAFQFDKLLPGELKIRGAHNNYSNALAALALGHAVGL
Saureus	AKTLYFSTQEVTDGTYIKDG--FIVYKGVRINTEDLVLPGEHNLLENILAAVLACILAGV

Ecoli	PRASSLKAATTFTGLPHRFEVVLEHNGVRWINDSKATNVGSTEALN--GLHVDGTLHLL
Efaecalis	SNAQIKQSNTNFSGVPHRTQFVGEVQQRRFYNDSKATNFLATEMALS--GFDNQKLLLLA
Paeruginosa	PFDAMLGAKAFSGLAHRCQWVRERQGVSYDDSKATNVGAALAAIEGLGADIDGKLVLL
Saureus	PIKAIIDSNTTFSGIEHRLQYVGTNRNTKYYNDESKATNTLATQFALN--SFN-QPIIWLC

Ecoli	LGGDGKSA)FSPLARYLNGDNVRLYCFGROGAQLAALR--PEVAEQT--ETMEQAMRLLA
Efaecalis	GGLD-RGN:3FDELVPALLG-LKAIVLFGETKKLAEAKKPNIETILFAENVQTAVTIAF
Paeruginosa	AGGDGKGAA)FHDLREPVARFCRAVVLGRDAGLIAQAL--GNAVPLVRVATLDEAVRQAA
Saureus	GGLD-RGN:3FDELIPYMEV-VRAMVVFQGKAKFAKLGNS-QGKSVIEANNVEDAVDKVQ

(Figure 8)

Application No. 10/531,844
Amendment Dated October 31, 2006
Reply to Office Action of October 12, 2006
NEW SHEET

- 2/2 -

Ecoli PRVQPGDNVILLSPACASLDQFKNFEQRGNEFARLAKELG---- (SEQ ID NO:1)
Efaecalis DYSEKDDIILLSPACASWDQYPNFEVRGEAFMQAVQQLKESEM (SEQ ID NO:2)
Paeruginosa ELAREGDAVILLSPACASLDMFKNFEERGRLFAKAVEELA---- (SEQ ID NO:3)
Saureus DTIEPNDVILLSPACASWDQYSTFEERGEKFIERFRAHLPsy- (SEQ ID NO:4)

(Figure 8)